

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Katefidis, et al.

CASE: OST-061078

**SERIAL NO.:** 10/576,986

FILED ON: April 21, 2006

FOR: SYSTEM AND METHOD FOR DRYING

OR: OBJECTS

Mail Stop Amendment
COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

ATTENTION OF: Not yet assigned

COMMUNICATION

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INFORMATION DISCLOSURE

**STATEMENT** 

**EXAMINER:** Not yet assigned

#### Dear Examiner:

This Information Disclosure Statement ("IDS") is submitted pursuant to 37 CFR § 1.56. The filing of this "information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)." See 37 CFR § 1.97(h).

The applicant believes that no fees are required with this communication; however, if any additional fees are required, the Commissioner is authorized to pay such fees from Deposit Account No. 50-0545.

Dated: December 20, 2006

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 20, 2006.

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Respectfully submitted,

Soseph M. Kinsella Jr.

Reg. No. 45,743

One of Attorneys for Applicant

FACTOR & LAKE, LTD. 1327 W. Washington Blvd Suite 5G/H Chicago, IL 60607 (312) 226-1818 Telephone (312) 226-1919 Facsimile Jody L. Factor34157Micheal D. Lake33727Edward L. Bishop39110Joseph M. Kinsella Jr.45743Nick S. Lee54260

PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

Sheet

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known      |                     |    |  |  |
|------------------------|---------------------|----|--|--|
| Application Number     | 10/576,986          |    |  |  |
| Filing Date            | April 21, 2006      |    |  |  |
| First Named Inventor   | Apostolos Katefidis |    |  |  |
| Art Unit               | Not yet assigned    |    |  |  |
| Examiner Name          | Not yet assigned    | 72 |  |  |
| Attorney Docket Number | OST-061078          |    |  |  |

| U. S. PATENT DOCUMENTS |                          |  |                                |  |   |  |
|------------------------|--------------------------|--|--------------------------------|--|---|--|
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
|                        |                          | <sup>US-</sup> 3,668,785                                 | 06-13-1972                     | Rodwin   |   |  |
|                        |                          | <sup>US-</sup> 4,656,758                                 | 04-14-1987                     | Yackiw   |   |  |
|                        |                          | US-  |                                |  |   |  |
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|                                 |  | FORE   | IGN PATENT DOCU | JMENTS                    |                            |  |   |  |
|---------------------------------|--|--|-----------------|---------------------------|----------------------------|--|---|--|
| Examiner Cite<br>Initials* No.1 |  |  |                 | Foreign Patent Document   | Publication<br>Date        | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |  |
|                                 |  | Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> ( <i>if known</i> ) | MM-DD-YYYY      |                           | Or Relevant Figures Appear | T⁵   |   |  |
|                                 |  | DE 693 16 260 T2   | 08-27-1998      | Osaka Gas Co. Ltd.        |                            |  |   |  |
|                                 |  | EP 0 568 822 B1  | 11-10-1993      | Osaka Gas Co. Ltd.        |                            |  |   |  |
|                                 |  | DE 101 42 125 A1   | 03-20-2003      | Eutech Scient Engineering |                            |  |   |  |
|                                 |  | DE 102 42 155 A1   | 03-25-2004      | Wella AG                  |                            |  |   |  |
|                                 |  | DE 44 42 859 A1  | 06-05-1996      | Klemm Manfred             |                            |  |   |  |
|                                 |  | WO 03/042520A  | 05-22-2003      | Abb Oy                    |                            |  |   |  |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06)

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| Substitute for form 1449/PTO      |          |       |           | Complete if Known      |                     |  |  |
|-----------------------------------|----------|-------|-----------|------------------------|---------------------|--|--|
|                                   |          |       |           | Application Number     | 10/576,986          |  |  |
| INFO                              | DRMATION | I DIS | CLOSURE   | Filing Date            | April 21, 2006      |  |  |
| STATEMENT BY APPLICANT            |          |       |           | First Named Inventor   | Apostolos Katefidis |  |  |
| (Use as many sheets as necessary) |          |       |           | Art Unit               | Not yet assigned    |  |  |
| (Use as many sneets as necessary) |          |       | ecessary) | Examiner Name          | Not yet assigned    |  |  |
| Sheet                             | 2        | of    | 2         | Attorney Docket Number | OST-061078          |  |  |

|                    |                          | NON PATENT LITERATURE DOCUMENTS   |    |
|--------------------|--------------------------|---|----|
| Examiner Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
|                    |                          | Copy of German Office Action dated June 25, 2004. (German language)   |    |
|                    |                          | Copy of PCT International Search Report. (German language)  |    |
|                    |                          | Copy of Patent Abstract of Japanese Publication No. 2003-282082, published on October 3, 2003.  |    |
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| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:



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IN RE APPLICATION OF: Ka

Katefidis, et al.

CASE:

OST-061078

STATEMENT OF BASIS FOR RELEVANCE OF

**SERIAL NO.:** 

10/576,986

FOREIGN LANGUAGE

FILED ON:

April 21, 2006

DOCUMENTS IDENTIFIED

IN SUBMITTED PTO/SB/08A

FOR:

SYSTEM AND METHOD FOR DRYING

**OBJECTS** 

Mail Stop Amendment Commissioner For Patents

ATTENTION OF: Not yet assigned

P.O. Box 1450 Alexandria, VA 22313-1450 EXAMINER: Not yet assigned

#### Dear Examiner:

(312) 226-1919 Facsimile

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 50-0545.

| PUBLICATION<br>NO.   | PUBLICATION<br>DATE | BASIS FOR RE  | LEVANCE                                   |
|--|---------------------|---|---|
| DE 693 16 260 T2   | August 27, 1998     | Corresponds with EP 0 568   | 822 B1                                    |
| DE 101 42 125 A1   | March 20, 2003      | March 20, 2003  A method for air-conditioning and water supply which the current, water, and heat are produce simultaneously the electrochemical way via a subscription according to demand. A reaction product, i.e. water, which can be directly used as rinsing/water or as drinking water after addition of electrolytes/minerals and/or for humidifying the and/or cockpit-air. Fuels based on hydrogen of hydrocarbon (e.g. methane, methanol, kerosen can be used. |   |
| DE 102 42 155 A1   | March 25, 2004      | The hair dryer has a catalytic lead supplied with liquid fuel and a   | •   |
| FACTOR & LAKE, LTD.<br>1327 W. Washington<br>Suite 5G/H<br>Chicago, IL 60607<br>(312) 226-1818 Telephone |                     | Jody L. Factor<br>Micheal D. Lake<br>Edward L. Bishop<br>Joseph. M. Kinsella Jr.<br>Nick S. Lee   | 34157<br>33727<br>39110<br>45743<br>54260 |

flow of the heated air (2). The device has a fuel cell (8) that supplies the fan with electric energy and a reservoir (10) for liquid fuel connected via a valve (11) to the fuel cell and heating element for common supply with the liquid fuel.

DE 44 42 859 A1

June 5, 1996

The method involves direct or parallel switching of a steam boiler plant, a thermal oil boiler plant, an organic fluid evaporation plant, and a hot gas heat exchanger plant, with the flue gas or hot gas flow, which is generated in commercial drying installations for water evaporation purposes. The mentioned plant generate a part energy flow, and this is used for electricity generation. To achieve a high degree of utilization (90-95%) of the generated thermal energy, the cooled flue or hot gases are further used as direct or indirect drying energy in conventional dryers.

Should anything further be required, a telephone call to the undersigned, at (312) 226-1818, is respectfully invited.

Respectfully submitted,

Dated: December 20, 2006

oseph M. Kinsella Jr.

Reg. No. 45,743

One of Attorneys for Applicant

### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 20, 2006.

Jacqueline Vega